



↑AFFIX CUSTOMER NO. LABEL ABOVE ↑


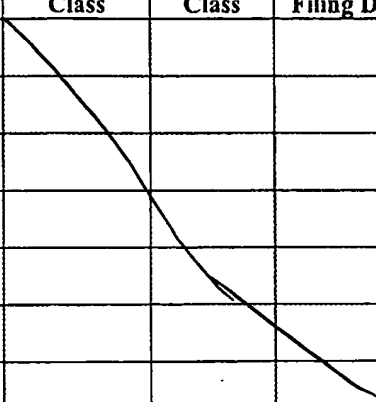
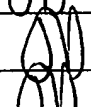
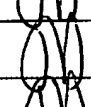
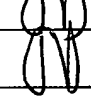
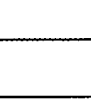

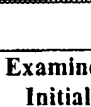
Page 1 of 1

FORM PTO-1449

INFORMATION DISCLOSURE CITATION

Attorney Docket:
1232-5117Serial No.:
10/645,227Applicant:
Hisatsugu NAITOFiling Date:
08/21/2003Group Art Unit:
2861

U.S. PATENT DOCUMENTS

Examiner Initial		Patent Number	Publication Date	Name	Class	Sub-Class	Filing Date
	AA	4,723,129	02/02/1988	Endo et al.			
	AB	4,740,796	04/26/1988	Endo et al.			
	AC	4,463,359	07/31/1984	Ayata et al.			
	AD	4,345,262	08/17/1982	Shirato et al.			
	AE	4,313,124	01/26/1982	Hara			
	AF	4,558,333	12/10/1985	Sugitani et al.			
	AG	4,459,600	07/10/1984	Sato et al.			
	AH						
	AI						
	AJ						
	AK						

FOREIGN PATENT DOCUMENTS

Examiner Initial		Patent Number	Publication Date	Country	Class	Sub-Class	Translation
	AL						<input type="checkbox"/> Yes <input type="checkbox"/> No
	AM						<input type="checkbox"/> Yes <input type="checkbox"/> No
	AN						<input type="checkbox"/> Yes <input type="checkbox"/> No
	AO						<input type="checkbox"/> Yes <input type="checkbox"/> No
	AP						<input type="checkbox"/> Yes <input type="checkbox"/> No

OTHER DOCUMENTS (Including Author, Title, Date, Pertinent Papers, etc.)

	AR	
	AS	
	AT	

Examiner

Date Considered

5/25/05

EXAMINER: Initial reference considered, whether or not citation is in conformance with MPEP §609.

Draw line through citation if not in conformance and not considered.

Include copy of this form with next communication to Applicant.